

Converting Colors

YUV(213.5390, 6.1433, 36.3613)

Have a look what the booklet for
YUV(213.5390, 6.1433, 36.3613)
contains.

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Color

**YUV(213.5390, 6.1433,
36.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEE2
RGB	255, 190, 226
RGB Percent	100%, 75%, 89%
CMY	0.0000, 0.2549, 0.1137
CMYK	0.00, 0.25, 0.11, 0.00
HSL	327°, 100%, 87%
HSV	327°, 25%, 100%
XYZ	73.3809, 63.5779, 80.3557
YIQ	213.5390, 27.1840, 24.9760

Conversions

Conversions Part 2

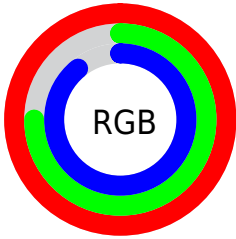
Format	Color
R_{YB}	255, 190, 226
Decimal	16760546
CIE _{Lab}	83.75, 28.75, -8.76
CIE _{LCh}	84, 30.057, 343.050
Yxy	63.5779, 0.3377, 0.2926
Android (android.graphics.Color)	4294950626 (0xFFFFBEE2)
YUV	213.5390, 6.1433, 36.3613
Hunter-Lab	79.7358, 24.7362, -3.9359

Details

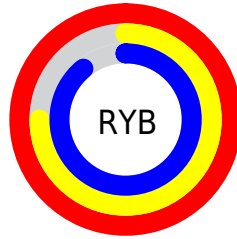
The YUV color $213.5390, 6.1433, 36.3613$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.4610, -6.1433, -36.3613$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.3151, 4.1184$, and $158.5280, 6.1487, 34.6169$ is the 20% darker color. If you saturate the color by 10%, you get $197.6100, 8.5733, 50.3310$, and if you desaturate by 10%, it is $230.0550, 3.4239, 21.8768$.

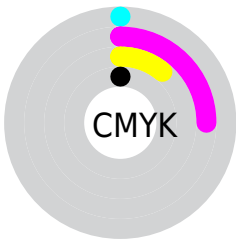
Distribution



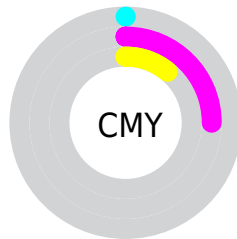
- Red (100%)
- Green (75%)
- Blue (89%)



- Red (100%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.5390, 6.1433, 36.3613 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 213.5390, 6.1433, 36.3613 by changing the saturation by 10% instead.

 213.5390, 6.1433,
36.3613


 213.5390, 6.1433,
36.3613

255.0000, 0.0000,
0.0000


 185.8270, 6.0013,
35.2317


 250.3040, 2.3151,
4.1184

 158.5280, 6.1487,
34.6169

 131.8160, 6.0067,
33.4874

 106.2180, 6.3015,
32.2578

 81.2070, 6.3069,
30.5135

 57.4950, 6.1650,
29.3839

 33.4240, 7.1860,

28.5692

■ 16.2340, 5.3076,
24.3508

■ 1.4950, -0.7370,
3.0739

■ 213.5390, 6.1433,
36.3613

■ 213.5390, 6.1433,
36.3613

■ 197.6100, 8.5733,
50.3310

■ 230.0550, 3.4239,
21.8768

■ 180.9800, 10.8559,
64.9155

■ 246.0980, 1.4307,
7.8071

■ 165.0510, 13.2859,
78.8853

255.0000, 0.0000,
0.0000

■ 148.4210, 15.5684,
93.4698

■ 132.4920, 17.9984,
107.4395

■ 115.9760, 20.7178,
121.9240

■ 99.9330, 22.7110,
135.9938

■ 92.3190, 23.9997,
142.6712

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.6100, 18.4333, 14.3740



213.5390, 6.1433, 36.3613



209.0590, -5.9451, 40.2903

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.5390, 6.1433, 36.3613



206.1820, -26.2187, 9.4874



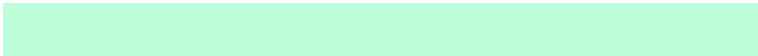
196.3310, 24.4868, -60.8033

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



213.5390, 6.1433, 36.3613



231.4610, -6.1433, -36.3613

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



195.7260, 11.9671, -58.5187



213.5390, 6.1433, 36.3613



202.9060, -17.7017, -15.7036

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



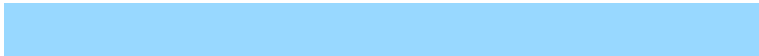
213.5390, 6.1433, 36.3613



208.6130, -26.4312, 31.0344



198.4220, -3.6590, -39.8351



201.3100, 26.4692, -43.2449

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.5390, 6.1433, 36.3613



208.7680, -14.6756, 40.5455



198.4220, -3.6590, -39.8351



195.8100, 21.2927, -62.9774

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



213.5390, 6.1433, 36.3613



242.2340, 1.8566, 11.1958



205.7820, 24.2645, 10.7152



119.6850, 1.1413, 7.2923



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.5390, 6.1433, 36.3613



204.6370, 7.5740, 44.1684



209.8910, -7.8343, 39.5606



119.6850, 1.1413, 7.2923



69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465

Inverse Universe

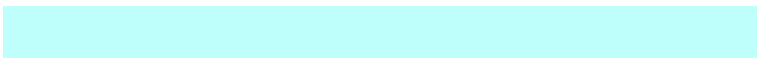
The Inverse Universe completely reimagines the original color for something new.



213.5390, 6.1433, 36.3613



204.6370, 7.5740, 44.1684



235.1090, 7.8343, -39.5606



119.6850, 1.1413, 7.2923



69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 213.5390, 6.1433, 36.3613 looks on a white background.

Color Contrast Check

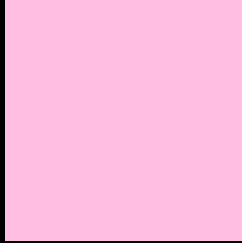
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 213.5390, 6.1433, 36.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

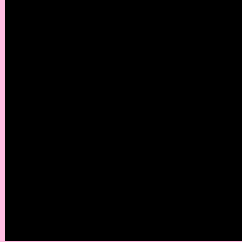
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.5390, 6.1433, 36.3613

Background



This preview shows how black text looks on a background with the YUV color 213.5390, 6.1433, 36.3613.



This preview shows how white text looks on a background with the YUV color 213.5390, 6.1433,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

213.5390, 6.1433, 36.3613

Protanopia

210.4090, 13.1094, -4.7437

Deuteranopia

211.3740, 6.2246, 10.1960



Tritanopia

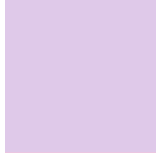
212.6500, -2.2924, 35.3870

Trichromacy



Original Color

213.5390, 6.1433, 36.3613



Protanomaly

211.2260, 10.7346, 10.3258



Deuteranomaly

212.1410, 6.3395, 20.0473



Tritanomaly

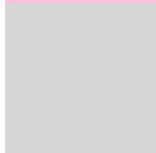
213.1600, 0.9071, 35.8167

Monochromacy



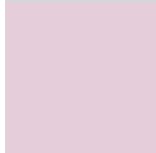
Original Color

213.5390, 6.1433, 36.3613



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.6580, 2.1406, 13.4549

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5390, 6.1433, 36.3613 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 190, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 190, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 226) }
```

Border

The CSS property to change the border of an element to YUV 213.5390, 6.1433, 36.3613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 190, 226) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 190, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 190, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 226); box-shadow:4px 4px 4px 4px rgb(255, 190, 226) }
```

Background

The CSS property to change the background color of an element to YUV 213.5390, 6.1433, 36.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
190, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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